

Amendments to the Claims

The following listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) In case that a thermally tempered glass is produced by allowing an impact jet flow from quenching nozzles to blow against the glass, a process for producing a curved, thermally tempered glass, characterized in that the impact jet flow is an underexpansion jet flow and that a quenching is conducted by simultaneously using at least two types of quenching nozzles having different exit diameters of the quenching nozzles.

2. (Original) A process for producing a curved, thermally tempered glass according to claim 1, characterized in that an exit diameter d of the quenching nozzle is from $\phi 1\text{mm}$ to $\phi 8\text{mm}$, that a distance Z between the quenching nozzle and the glass is from 1mm to 80mm, and that a pressure P of a chamber communicating with the quenching nozzle is from 0.1 to 0.8MPa.

3. (Currently Amended) A process for producing a curved, thermally tempered glass according to claim 1 ~~or claim 2~~, characterized in that a heat flux difference within a glass surface is adjusted to 150kW/m^2 or less by properly changing a distance Z between the nozzle and the glass, a pressure P of a chamber, and a diameter d of the quenching nozzle.

4. (Currently Amended) A process for producing a curved, thermally tempered glass according to ~~any one of claims 1 to 3~~ claim 1, characterized in that a distance Z between the quenching nozzle and the glass, a pressure P of a chamber, and a diameter d of the quenching nozzle are set, thereby adjusting a difference of surface compressive stress values of the thermally tempered glass to 20MPa or less.

5. (Currently Amended) A curved, thermally tempered glass ~~characterized in that it has been~~ which is produced by ~~any one process of claims 1 to 4~~ the process according to claim 1.

6. (Original) A curved, thermally tempered glass according to claim 5, characterized in that a difference of surface compressive stress values within a glass surface is 20MPa or less.

7. (Currently Amended) An apparatus for producing a curved, thermally tempered glass according to claim 5 ~~or claim 6~~, characterized in that ~~it~~ the apparatus is simultaneously provided with at least two kinds of quenching nozzles having an exit diameter ϕ of $\phi 1\text{mm}$ to $\phi 8\text{mm}$, that ~~it~~ the apparatus has a system controlled to make a chamber pressure P have a value of 0.1MPa to 0.8MPa, and that ~~it~~ the apparatus uses a quenching nozzle capable of adjusting a distance Z between the quenching nozzle and the glass to a range of 1-80mm.

8. (Original) An apparatus for producing a curved, thermally tempered glass according to claim 7, characterized in that quenching nozzles having different exit diameters are arranged at a curved region forming portion and a flat region forming portion, thereby adjusting a difference of surface compressive stress values within a glass surface to 20MPa or less.

9. (Original) An apparatus for producing a curved, thermally tempered glass according to claim 7, characterized in that at least two kinds of quenching nozzles of different exit diameters are arranged, thereby adjusting a difference of surface compressive stress values within a glass surface to 20MPa or less.